

**UTILITY PATENT APPLICATION  
TRANSMITTAL UNDER 37 CFR 1.53(b)**

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Commissioner for Patents  
Box Patent Application  
Washington, D.C. 20231

## METHOD OF SHARING IMAGES ALLOWING THIRD PARTY PRINT ORDERS VIA A WEB SITE

First Named Inventor (or Application Identifier)

Dale F. McIntyre, et al

Enclosed are

1.  Specification 6.  Assignment of the invention to \_\_\_\_\_

2.  9 Sheet(s) of drawing(s) 7.  Certified copy of a priority document \_\_\_\_\_

3.  Information Disclosure Statement Under 37 CFR 1.97. 8.  Associate Power of Attorney \_\_\_\_\_

4. Combined Declaration for Patent Application and Power of Attorney:

4a.  New (Unsigned) 4b.  Copy from a prior application (37 CFR 1.63(d) (for continuation/divisional with Box 11 completed)

5.  Incorporation by Reference (useable if Box 4b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

9.  Deletion of Inventor(s).  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).

10.  If a 111A application prior to examination of the above-identified application, amend the specification at Page 1, after the title, by inserting the following:

--CROSS REFERENCE TO RELATED APPLICATION

Reference is made to and priority claimed from U.S. Provisional Application Serial No. , filed , entitled .

If a **CONTINUING APPLICATION**, check appropriate box and supply the requisite information.

11.  Continuation  Divisional  Continuation-in-part (CIP) of prior application No. :  
12.  Please address all written communications to Milton S. Sales, Patent Legal Staff,  
Eastman Kodak Company, 343 State Street, Rochester, NY 14650-2201.  
Please Direct all telephone calls to Frank Pincelli at (716) 588-2728

The filing fee has been calculated as shown below:

FOR:	NO. FILED	NO. EXTRA	RATE	FEES
BASIC FEE				\$ 710
TOTAL CLAIMS	15 - 20 =	0	x 18 =	\$ 0
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MULTIPLE DEPENDENT CLAIM PRESENTED			+ 270	\$ 0
				<b>TOTAL</b> \$ 710

Please charge my Eastman Kodak Company Deposit Account No. 05-0225 in the amount of **\$ 710.**  
**A duplicate copy of this sheet is enclosed.**

The Commissioner is hereby authorized to charge any additional filing fees required under 37 CFR 1.16 or credit any overpayment to Eastman Kodak Company Deposit Account No. 05-0225.

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

Dale F. McIntyre et al

METHOD OF SHARING IMAGES  
ALLOWING THIRD PARTY PRINT  
ORDERS VIA A WEB SITE

Serial No.

Filed

Commissioner for Patents  
Washington, D.C. 20231

Sir:

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Examiner:

I hereby certify that this correspondence is being deposited today with the United States Postal Service as first class mail in an envelope addressed to Commissioner for Patents, Washington, D.C. 20231.

*Deborah J. Walczak*  
Deborah J. Walczak  
November 20, 2000

Date



Pursuant to Rule 53, the above-identified application, enclosed herewith (including specification and claims), is being filed without a signed declaration or assignment in the names of the inventors, Dale F. McIntyre, Thomas D. Jensen. The declaration and assignment will be filed later.

Please address all correspondence to Milton S. Sales, Patent Legal Staff, Eastman Kodak Company, Rochester, New York 14650-2201. Please direct all telephone communications to Frank Pincelli at (716) 588-2728.

Respectfully submitted,

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ORIGINAL

Application Based on

Docket **81884F-P**

Inventors: Dale F. McIntyre and Thomas D. Jensen  
Customer No. 01333

**METHOD OF SHARING IMAGES ALLOWING THIRD PARTY  
PRINT ORDERS VIA A WEB SITE**

Commissioner for Patents,  
ATTN: BOX PATENT APPLICATION  
Washington, D. C. 20231

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## METHOD OF SHARING IMAGES ALLOWING THIRD PARTY

## **PRINT ORDERS VIA A WEB SITE**

## CROSS REFERENCE TO RELATED APPLICATIONS

Reference is made to commonly-assigned U.S. Patent Application

5 Serial No.09/577,094, filed May 24, 1999, entitled "DUAL FILM IMAGE AND  
ELECTRONIC IMAGE CAPTURE CAMERA WITH ELECTRONIC IMAGE  
VERIFICATION OF FILM IMAGE MISFOCUS" to Stephen G. Malloy  
Desormeaux, Docket No. 81164/RAF; commonly-assigned U.S. Patent  
Application Serial No.09/470,216, filed December 22, 1999, entitled "METHOD  
10 AND SYSTEM FOR ORGANIZING IMAGES" to Dale F. McIntyre and Joseph  
A. Manico, Docket No. 80121/F-P; commonly-assigned U.S. Patent Application  
Serial No.09/470,938, filed December 22, 1999, entitled "A KIT FOR  
ORGANIZING A PLURALITY OF IMAGES" to Dale F. McIntyre et al, Docket  
No. 80369/F-P.

## FIELD OF THE INVENTION

This invention relates to the field of photography, and in particular, to a method of sharing low resolution electronic images to create print orders in advance of a service provider receiving high resolution printable images.

## BACKGROUND OF THE INVENTION

20 Photographers like to share pictures. In fact, a major reason  
photographers take pictures is to share them with friends, family and co-workers.  
One current method to share pictures includes ordering multiple sets of prints  
giving the user multiple prints of every picture on the roll whether the  
photographer considers them good enough for sharing or not. This approach is  
25 costly for the photographer and limits them to sharing with just a few individuals.

Another method of sharing pictures is to order reprints of only those pictures desired. This occurs after the original film has been processed, printed, and reviewed by the photographer. The photographer must then return the negatives to a retailer for selective reprints. This is not cost or time efficient.

<sup>30</sup> Reprints are usually more expensive than the original prints, in part because of the

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extra handling of the previously processed film. In addition, time is of the essence when sharing images. Often an inordinate amount of time passes between the original picture taking and the moment the photographer "gets around" to placing the reprint order and finally receiving the reprint. And then occasionally, the 5 original is given away with intention of reprinting the photo later. Many times the process of ordering reprints never happens because it is not convenient, or it is put off so long that it is not as important as it first was. Missing such an opportunity to share memories with others is a moment that can be lost forever.

More recently, service providers have been offering on-line 10 photographic services. On-line photographic services include image digitization, digital image storage, and distribution of digital image files. These are all currently provided by on-line service providers such as the KODAK PhotoNet<sup>tm</sup> online service, available on the Internet at <http://kodak.photonet.com>.

However, this is still not necessarily the most convenient way to 15 share pictures. The on-line process entails communicating to the people you want to share the images with, what and where the web site is, what the password is, where the images you want them to look at reside etc. The process is complex for the average person and may not be intuitive.

The present invention resolves many of the problems of the prior 20 art in that there is provided a system for easy access to the results of a photographic event and the ability for multiple parties to conveniently order all of the desired images prior to the first printing of any image thus avoiding the complex reprint process.

These and other aspects, objects, features and advantages of the 25 present invention will be more clearly understood and appreciated from a review of the following detailed description of the preferred embodiments and appended claims, and by reference to the accompanying drawings.

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## **SUMMARY OF THE INVENTION**

In accordance with one aspect of the present invention there is provided a method of providing image goods and/or services to more than one party located at different locations, comprising the steps of:

5 providing a camera for substantially simultaneously capturing an image both electronically and on a photosensitive media by a customer;

10 transmitting the electronic image to a third party at a location remote from the customer along with additional data, the additional data identifying the image with respect to the photosensitive media;

15 the customer and/or the third party placing an order with a service provider for at least one good and/or service with respect to the image on the photosensitive media associated with the electronic image; and

20 the service provider assembling the order upon receipt of the photosensitive media.

25 In accordance with another aspect of the present invention there is provided a method of providing image goods and/or services to a plurality of customers located at different locations, comprising:

30 providing a camera for substantially simultaneously capturing an image both electronically and on a photosensitive media by a customer, the electronic image comprising a predetermined image resolution, the camera having a selection switch for identifying that digital images are to be forwarded to a third party for ordering of goods and/or services made using the photosensitive media;

35 transmitting the electronic images to the third party along with identifying data with respect to the images transmitted;

40 the third party placing an order for goods and/or services with respect to the images on the photosensitive media using the digital images from which the order may be placed; and

45 the information being forwarded to the service provider prior to execution of providing goods and/or services with respect to images on the photosensitive media.

In accordance with yet another aspect of the present invention there is provided a method of providing image goods and/or services to more than one party located at different locations, comprising the steps of:

- 5 providing a camera for capturing a high resolution image by a  
photographer;
- transmitting a low resolution electronic image to a third party at a  
location remote from the photographer along with additional data, the additional  
data identifying the low resolution electronic image with respect to the high  
resolution image;
- 10 the customer and/or the third party placing an order with a service  
provider for at least one good and/or service with respect to the high resolution  
image associated with the low resolution electronic image; and
- the service provider assembling the order upon receipt of the high  
resolution image.

15 **BRIEF DESCRIPTION OF THE DRAWINGS**

In the detailed description of the preferred embodiments of the invention presented below, reference is made to the accompanying drawings in which:

- 20 FIG. 1A is a perspective view of a hybrid camera
- FIG. 1B is a perspective view of a digital camera
- FIG. 2A is a back view of an Advanced Photo System film cassette
- FIG. 2B is a front view of an Advanced Photo System film cassette
- FIG. 3A is a system diagram including a hybrid camera in  
accordance with the present invention;
- 25 FIG. 3B is a system diagram including a digital camera in  
accordance with the present invention;
- FIG. 4A is a flow chart showing a process for implementing the  
present invention.
- 30 FIG. 4B is a flow chart showing another process for implementing  
the present invention.

FIG. 4C is a flow chart showing another process for implementing the present invention.

FIG. 4D is a flow chart showing another process for implementing the present invention.

5 FIG. 5 is a representation of computer screen wherein an order is placed in accordance with the present invention.

#### DETAILED DESCRIPTION OF THE INVENTION

Turning to FIG. 1A, a perspective view of a hybrid camera 12 is shown. Hybrid cameras are described in detail in U.S. Patents 5,822,625;

10 5,619,275 and 4,949,117 which are hereby incorporated by reference. Briefly, the hybrid camera 12 includes an optical exposing assembly 34 for focussing and exposing a silver halide filmstrip operationally contained within a film cassette 26 (See FIGS. 2A and 2B). The film cassette 26, of course, is capable of being operationally loaded into hybrid camera 12. Hybrid camera 12 also includes an  
15 optical assembly 36 for substantially simultaneously focussing and electronically exposing the same scene as is captured on the silver halide filmstrip via optical exposing assembly 34. Controls (not shown) included in the hybrid camera 12 cause the simultaneous actuation of both assemblies 34 and 36 creating two correlated exposures of the same scene on the two different capture media. It will  
20 be understood that the data correlating the film image with the electronic image will be stored with or appended to the electronic image as will be discussed later with respect to FIGS. 2A and 2B. Hybrid camera 12 further includes an electronic display (not shown) which permits the photographer 10 (See FIG. 3) to review the electronic image correlated to the image captured on the silver halide film without  
25 the use of a computer or other image display device.

Turning to FIG. 1B, a perspective view of a digital camera 152 is shown. Briefly, digital cameras are well understood in the art and include an optical assembly 153 for focussing and electronically exposing the scene to be captured on an image sensor (not shown) producing a high resolution electronic image capable of being printed with adequate quality. It will be understood that

each captured image is typically given a filename by the digital camera 152 which can be a unique code. For example, the unique code can be generated from the combination of the serial number of the digital camera 152 and the sequential exposure number. The unique code is stored with the high resolution electronic image information in well understood digital picture formats such as EXIF and JPEG2000. Any derivation of the high resolution electronic image such as a thumbnail or low resolution electronic image maintains this unique code which is instrumental in compiling a print order in accordance with the present invention. Typically a low resolution digital image is primarily suitable for display on an electronic device such as a CRT but not well suited for producing high quality prints comparable to standard photographic prints. An example of a low resolution VGA image would comprise 640 X 480 pixels

Turning now to FIG. 2A, a film cassette 26 is shown which is identified by a unique number encoded in a machine readable code 28 such as a bar code found on the exterior of the cartridge. For the sake of clarity, film cassette 26 is shown as an Advantix film cassette sold and marketed by the Eastman Kodak Company as part of the Advanced Photo System. Similarly in FIG. 2B, film cassette 26 also includes a human readable code 30 which represents the same identification of film cassette 26. The machine readable code 28 allows automated scanning and identification by a computer system while the human readable code 30 allows a manual identification or confirmation of the automated scanning of machine readable code 28. In co-operation with the frame number of the film, these codes identify both the film cassette 26 and the frame number of an image that is desired to be shared, stored or printed. The electronic image captured hybrid camera 12 is stored in a temporary internal memory (not shown) of the hybrid camera 12. As is well understood in the art, many image file formats are possible to use such as EXIF, JPEG2000, and specialized XML descriptions which permit the inclusion of metadata such as the cartridge ID/frame number combination with the actual picture data. In accordance with the present invention, the cartridge ID/frame number combination are stored with the

electronic images and are transmitted with those images for use in the creation of a print order.

Turning to FIG. 3A, photographer 10 begins taking pictures with the hybrid camera 12 exposing the silver halide film contained within film cassette 5 26. At a point prior to delivering the film cassette 26 for processing at a service provider 16, the photographer 10 chooses to share the electronic images corresponding to the exposed, unprocessed silver halide images with a third party 20 which could be a friend or a relative or other acquaintance of their choosing. The choice of which images to share can be done using the image display included 10 on the camera or with an image display system 14 as shown in FIG. 3A. It will be understood that the image display system 14 may be a personal computer with a monitor such as the various models manufactured by Dell Computer, a cable set top box such as the Explorer 2010 digital set top box manufactured by Scientific Atlanta connected to a television set, or a personal digital assistant such as a Palm 15 IIIc manufactured by Palm Computing Inc. Likewise, image display system 38 belonging to the third party 20 can be any of the aforementioned systems that is operably connected to a network such as the Internet 19. Using image display system 38, third party 20 connects to a computer 21 for the purpose of placing a print order. It should be noted that third party 20 may actually be multiple people 20 at multiple physical locations.

Continuing with FIG. 3A, a service provider 16 is shown operably connected to the Internet 19 via server 13 and computer 21. Service provider 16 as shown in FIG. 3 includes film processing block 15 for reading the machine readable code 28 and chemically processing the film and film scanning block 17 25 for creating the high resolution digital image files for fulfilling print orders. It should be noted that service provider 16 does not necessarily need to include film processing and scanning capabilities rather receiving the high resolution digital image files from a remote location such as a retail store with a digital minilab such as the Model 2711 manufactured by Noritsu. Computer 21 further includes an 30 image database 24 for receiving high resolution digital image files and a customer

database 23 for receiving information about a customer including print orders, payment information and delivery information.

Turning to FIG. 3B like parts indicating like operation, photographer 150 begins taking pictures with the digital camera 152. At a point 5 prior to uploading the high resolution images captured by digital camera 152 for processing at a service provider 162, the photographer 150 chooses to share the low resolution electronic images typically referred to as thumbnail images with a third party 154 which could be a friend or a relative or other acquaintance of their choosing. The low resolution electronic images are tagged by the digital camera 10 152 with a unique code that can be generated, for example, by a combination of the camera's serial number and the sequential exposure number. This unique code may also include customer identification and/or customer address. This unique code stored and transmitted with the low resolution electronic images is also maintained with the high resolution electronic images for identification later of the 15 specific images that belong to a print order. It is of course understood that any other information may also be provided as desired for associating an order with the customer and/or third party recipient of the image order.

The choice of which images to share can be done using the image display (not shown) included on the digital camera 152 or with an image display 20 system 156 as shown in FIG. 3B. It will be understood that the image display system 156 may be a personal computer with a monitor such as the various models manufactured by Dell Computer, a cable set top box such as the Explorer 2010 digital set top box manufactured by Scientific Atlanta connected to a television set or a personal digital assistant such as a Palm IIIc manufactured by 25 Palm Computing Inc. Likewise, image display system 158 belonging to the third party 154 can be any of the aforementioned systems that is operably connected to a network such as the Internet 19. Using image display system 158, third party 154 connects to a computer 160 for the purpose of placing a print order. It should be noted that third party 154 might actually be multiple people at multiple 30 physical locations.

Continuing with FIG. 3B, a service provider 162 is shown operably connected to the Internet 19 via server 164 and computer 160. Service provider 162 as shown in FIG. 3B includes computer 160 for receiving the high resolution electronic images from the photographer 150 for fulfilling print orders.

5 Computer 160 further includes an image database 166 for receiving high resolution digital image files and a customer database 168 for receiving information about a customer including print orders, payment information and delivery information.

Turning to FIG. 4A, the process begins with photographer 10 taking a picture in step 50. At a future point in time, the photographer 10 chooses to review the low resolution electronic images in step 52 with the display on the hybrid camera 12 or on the image display system 14. Deciding to order prints, photographer 10 connects to service provider 16 in step 54 and has to decide in step 56 whether he intends to share the pictures with third party 20. If so, he inputs the electronic addresses of the intended third parties 20 at step 58. This permits the service provider 16 to create an electronic order form in step 60 to forward to the identified third parties on behalf of photographer 10. The forwarded electronic order form, typically in HTML or XML format, makes it very easy for third parties 20 to reply to and thus create a print order (step 64) with a minimal amount of work after reviewing the shared images in step 62. It is important to note that the print order just created by third party 20 is in advance of service provider 16 receiving APS film cassette 26. Creating the print order in this manner allows service provider 16 to produce the additional prints ordered by third party 20 at the same time as the original print order from photographer 10. This eliminates the need for sharing hardcopy prints and then returning with the negatives to reorder prints at some future date thus saving the photographer 10 a lot of time.

Similarly in FIG. 4A, photographer 10 places his print order in step 64. After receiving film cassette 26 in step 66, service provider 16 processes the film in the knowledge of the unique machine readable code 28 attached to the

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cartridge in step 68. If optically printing the processed negatives, service provider 16 must look in the customer database 23 ( indexing using the unique machine readable code 28) to collect and adjust the print quantity of a high speed optical printer in step 70 to produce all the orders. If printing digitally, step 68 must scan

5 the film and create the high resolution electronic image files needed to create a satisfactory hard copy print. Finally, again indexing the customer database 23 by the unique machine readable code 28 included on the film cassette 26, the service provider 16 sets up the delivery of the print order and delivers the print order in step 72 to the photographer 10 and third parties 20.

10 Turning to FIG. 4B, the process begins with photographer 10 taking a picture in step 74. At a future point in time, the photographer 10 chooses to review the low resolution electronic images in step 76 with the display on the hybrid camera 12 or on the image display system 14. Deciding to share (step 78) these images with third party 20, photographer 10 attaches the low resolution

15 electronic images to an email message to third party 20 in step 80. Upon receiving the email attachments, third party 20 views the low resolution electronic images on image display system 38 (step 82) and decides whether or not to order prints in step 84. If the decision is to order prints, third party 20 connects to the service provider 16 which has been identified in the email message (step 88). An order is

20 placed at step 90 by third party 20 and/or photographer 10.

Continuing with FIG. 4B at step 78, photographer 10 has decided not to share and connects to service provider 16 in step 88 and places an order in step 90 with the unique combination of machine readable code and frame number identifying the pictures to print. It is again important to note that the print order

25 just created by third party 20 and/or photographer 10 is in advance of service provider 16 receiving APS film cassette 26. Creating the print order in this manner allows service provider 16 to produce the additional prints ordered by third party 20 at the same time as the original print order from photographer 10. This eliminates the need for sharing hardcopy prints and then returning with the

30 negatives to reorder prints at some future date thus saving the photographer 10 a

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lot of time. After receiving film cassette 26 in step 92, service provider 16 processes the film (step 94) in the knowledge of the unique machine readable code 28 attached to the cartridge. If optically printing the processed negatives, service provider 16 must look in the customer database 23 (indexing using the unique  
5 machine readable code 28) to collect and adjust the print quantity of a high speed optical printer in step 96 to produce all the orders. If printing digitally, step 94 must also scan the film and create the high resolution electronic image files needed to create a satisfactory hard copy print. Finally, again indexing the customer database 23 by the unique machine readable code 28 included on the  
10 film cassette 26, the service provider 16 sets up the delivery of the print order and delivers the print order in step 98 to the photographer 10 and third parties 20.

Turning to FIG. 4C, the process begins with photographer 150 taking a picture in step 100. At a future point in time, the photographer 150 chooses to review the low resolution electronic images in step 102 with the  
15 display on the digital camera 152 or on the image display system 156. Deciding to order prints, photographer 150 connects to service provider 162 in step 104 and has to decide in step 106 whether he intends to share the pictures with third party 154. If so, he inputs the electronic addresses of the intended third parties 154 at step 108. This permits the service provider 162 to create an electronic order form  
20 in step 110 to forward to the identified third parties 154 on behalf of photographer 150. The forwarded electronic order form, typically in HTML or XML format, makes it very easy for third parties 154 to reply to and thus create a print order (step 114) with a minimal amount of work after reviewing the shared images on image display system 158 in step 112. It is important to note that the print order  
25 just created by third party 154 is in advance of service provider 162 receiving the high resolution electronic images from the digital camera 152. Creating the print order in this manner allows service provider 162 to produce the additional prints ordered by third party 154 at the same time as the original print order from photographer 150. This eliminates the need for sharing hardcopy prints and then

reloading the high resolution electronic images to reorder prints at some future date thus saving the photographer 150 a lot of time.

Similarly in FIG. 4C, photographer 150 places his print order in step 114. After receiving the high resolution electronic images from the digital camera 152 in step 116, service provider 162 processes the print orders as stored in customer database 168 by correlating the unique code attached to the low resolution electronic images used to place the order with the uploaded high resolution electronic images which share the same code. Finally, again indexing the customer database 168 by the unique code, the service provider 162 sets up the 5 delivery of the print order and delivers the print order in step 118 to the delivery of the print order and delivers the print order in step 118 to the 10 photographer 150 and third parties 154.

Turning to FIG. 4D, the process begins with photographer 150 taking a picture in step 120. At a future point in time, the photographer 150 chooses to review the low resolution electronic images in step 122 with the 15 display on the digital camera 152 or on the image display system 156. Deciding to share (step 124) these images with third party 154, photographer 150 attaches the low resolution electronic images to an email message to third party 154 in step 126. Upon receiving the email attachments, third party 154 views the low 20 resolution electronic images on image display system 158 (step 128) and decides whether or not to order prints in step 130. If the decision is to order prints, third party 154 connects to the service provider 162 (step 134) which has been identified in the email message. An order is placed at step 136 by third party 154 and/or photographer 150.

Continuing with FIG. 4B at step 124, photographer 150 has 25 decided not to share and connects to service provider 162 in step 134 and places an order in step 136 with the unique code identifying the high resolution electronic images to print. It is again important to note that the print order just created by third party 154 and/or photographer 150 is in advance of service provider 162 receiving the high resolution electronic images. Creating the print order in this 30 manner allows service provider 162 to produce the additional prints ordered by

third party 154 at the same time as the original print order from photographer 150. This eliminates the need for sharing hardcopy prints and then reloading the high resolution electronic images at some future date thus saving the photographer 150 a lot of time. After receiving the high resolution electronic images in step 138,

5 service provider 162 produces the orders (step 140) using the unique code attached to the low resolution electronic images comprising the print order to correlate to the high resolution electronic images that are actually used to produce the print. Finally, again indexing the customer database 168 by the unique code attached to the low resolution electronic images, the service provider 162 sets up the delivery

10 of the print order (s) and delivers the print order(s) in step 142 to the photographer 150 and third parties 154.

Referring to FIG. 5, there is illustrated a representation of an HTML order form is shown which is displayed on image display system 14. The form has four main sections 40, 42, 44, 46 for inputting information. The first

15 section 40 contains information about the photographer 10 necessary to identify a shipping address, the human readable code 30 to identify the film cassette 26, and the credit card number used to purchase the goods and/or services such as prints. The second section 42 contains ordering information for the specific image and requested print size and quantity etc. The third section 44 provides the

20 opportunity to order additional goods and services and the fourth section 46 provides the opportunity to list third parties 20 with whom images are to be shared.

In the event that the service provider 16 does not receive any order information from the third parties 20 identified in section 46, an automatic

25 notification of intent to print the order can be communicated to the third parties 20 after a predetermined time, prompting them for a print order after which the opportunity will not exist. For example, they may decline participation, or place an order in the prescribed time frame.

The invention has been described in detail with particular reference to certain preferred embodiments thereof, but it will be understood that variations and modifications can be effected within the spirit and scope of the invention.

## PARTS LIST

- 10     photographer
- 12     hybrid camera
- 13     server
- 14     image display system
- 15     film processing block
- 16     service provider
- 17     film scanning block
- 19     Internet
- 20     third party
- 21     computer
- 23     customer database
- 24     image database
- 26     film cassette
- 28     machine readable code
- 30     human readable code
- 34     optical exposing assembly
- 36     optical assembly
- 38     image display system
- 40     section
- 42     section
- 44     section
- 46     section
- 50     step
- 54     step
- 56     step
- 58     step
- 60     step
- 62     step
- 64     step

66 step  
68 step  
70 step  
72 step  
74 step  
76 step  
78 step  
80 step  
82 step  
84 step  
88 step  
90 step  
92 step  
94 step  
96 step  
102 step  
104 step  
106 step  
108 step  
110 step  
112 step  
114 step  
116 step  
118 step  
120 step  
122 step  
124 step  
126 step  
128 step  
130 step

134 step  
136 step  
138 step  
140 step  
142 step  
150 photographer  
152 digital camera  
153 optical assembly  
154 third party  
156 image display system  
158 image display system  
160 computer  
162 service provider  
164 server  
166 image database  
168 customer database

**WHAT IS CLAIMED IS:**

1. A method of providing image goods and/or services to more than one party located at different locations, comprising the steps of:

providing a camera for substantially simultaneously capturing an image both electronically and on a photosensitive media by a customer;

transmitting said electronic image to a third party at a location remote from said customer along with additional data, said additional data identifying said image with respect to said photosensitive media;

said customer and/or said third party placing an order with a service provider for at least one good and/or service with respect to said image on said photosensitive media associated with said electronic image; and

said service provider assembling the order upon receipt of the photosensitive media.

2. A method according to claim 1 wherein said additional data comprises a database location at which said order may be electronically accessed by said service provider for determining if additional orders exist with respect to said images.

3. A method according to claim 1 wherein said customer advises said service provider that said image has been forwarded to said third party for potential placement of an order with respect to said image.

4. A method according to claim 3 wherein said customer forwards to said service provider the e-mail address of said third party to which said digital image has been forwarded.

5. A method according to claim 4 wherein said service provider forwards electronically to said customer and said third party confirmation that said order has been received.

6. A method according to claim 1 wherein said customer provides a predetermined amount of credit which may be charged to said customer with respect to the ordering of goods and/or services by said third party.

7. A method according to claim 1 wherein said information forwarded to said third party further includes a computer software program whereby the order can be automatically forwarded to said service provider by said third party by selecting from pre-designated options provided in addition to said images.

8. A method of providing image goods and/or services to a plurality of customers located at different locations, comprising;

providing a camera for substantially simultaneously capturing an image both electronically and on a photosensitive media by a customer, said electronic image comprising a predetermined image resolution, said camera having a selection switch for identifying that digital images are to be forwarded to a third party for ordering of goods and/or services made using said photosensitive media;

transmitting said electronic images to said third party along with identifying data with respect to said images transmitted;

said third party placing an order for goods and/or services with respect to said images on said photosensitive media using said digital images from which the order may be placed; and

said information being forwarded to said service provider prior to execution of providing goods and/or services with respect to images on said photosensitive media.

9. A method of providing image goods and/or services to more than one party located at different locations, comprising the steps of:

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providing a camera for capturing a high resolution image by a customer;

transmitting a low resolution electronic image to a third party at a location remote from said photographer along with additional data, said additional data identifying said low resolution electronic image with respect to said high resolution image;

said customer and/or said third party placing an order with a service provider for at least one good and/or service with respect to said high resolution image associated with said low resolution electronic image; and

said service provider assembling the order upon receipt of said high resolution image.

10. A method according to claim 9 wherein said additional data comprises a database location at which said order may be electronically accessed by said service provider for determining if additional orders exist with respect to said images.

11. A method according to claim 9 wherein said customer advises said service provider that said image has been forwarded to said third party for potential placement of an order with respect to said image.

12. A method according to claim 11 wherein said customer forwards to said service provider the e-mail address of said third party to which said digital image has been forwarded.

13. A method according to claim 12 wherein said service provider forwards electronically to said customer and said third party confirmation that said order has been received.

DRAFT-ENTR63

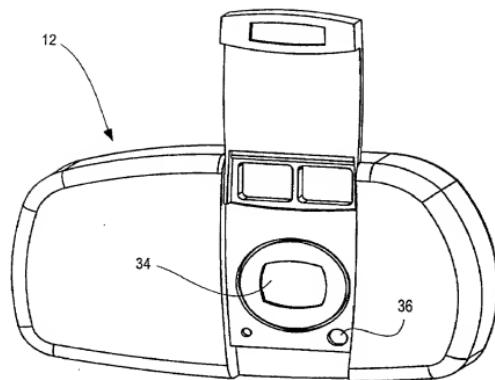
14. A method according to claim 9 wherein said customer provides a predetermined amount of credit which may be charged to said customer with respect to the ordering of goods and/or services by said third party.

15. A method according to claim 9 wherein said information forwarded to said third party further includes a computer software program whereby the order can be automatically forwarded to said service provider by said third party by selecting from pre-designated options provided in addition to said images.

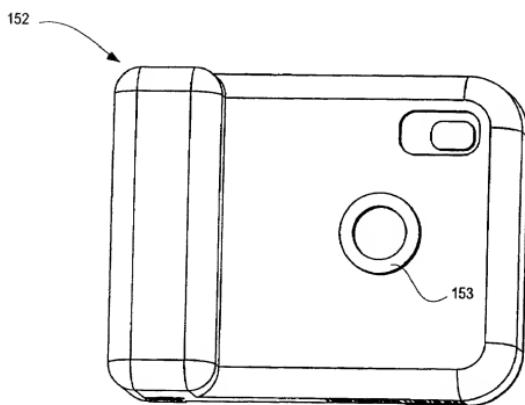
## **ABSTRACT OF THE DISCLOSURE**

5 A method of providing image goods and/or services to more than one party located at different locations. The method includes providing a camera for substantially simultaneously capturing an image both electronically and on a photosensitive media by a customer and transmitting the electronic image to a third party at a location remote from the customer along with additional data. The additional data identifying the image with respect to the photosensitive media.

10 The customer and/or the third party placing an order with a service provider for at least one good and/or service with respect to the image. The service provider assembles the order upon receipt of the photosensitive media.

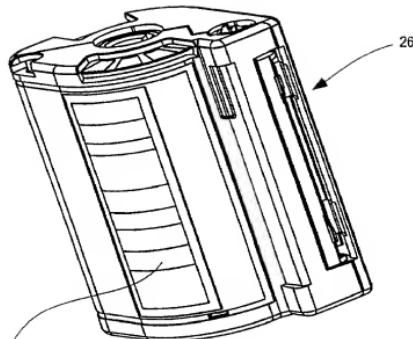


**FIG. 1A**

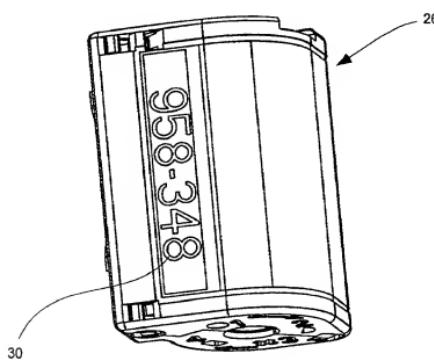


**FIG. 1B**

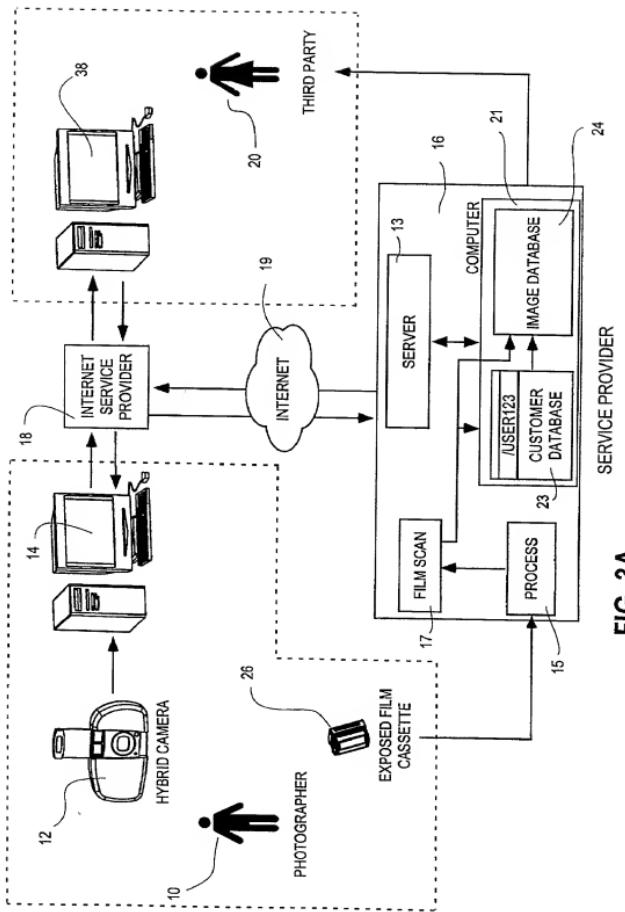
09717418.112000

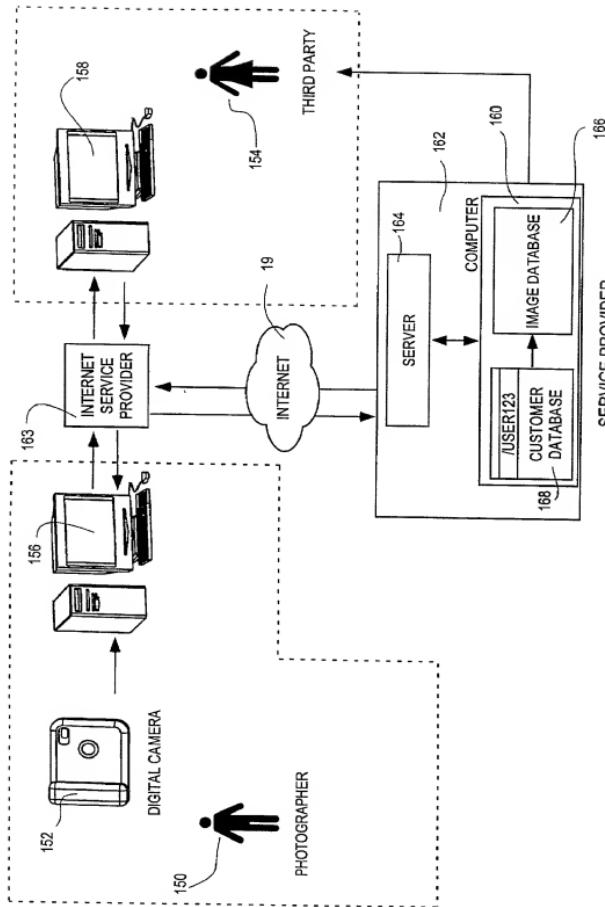


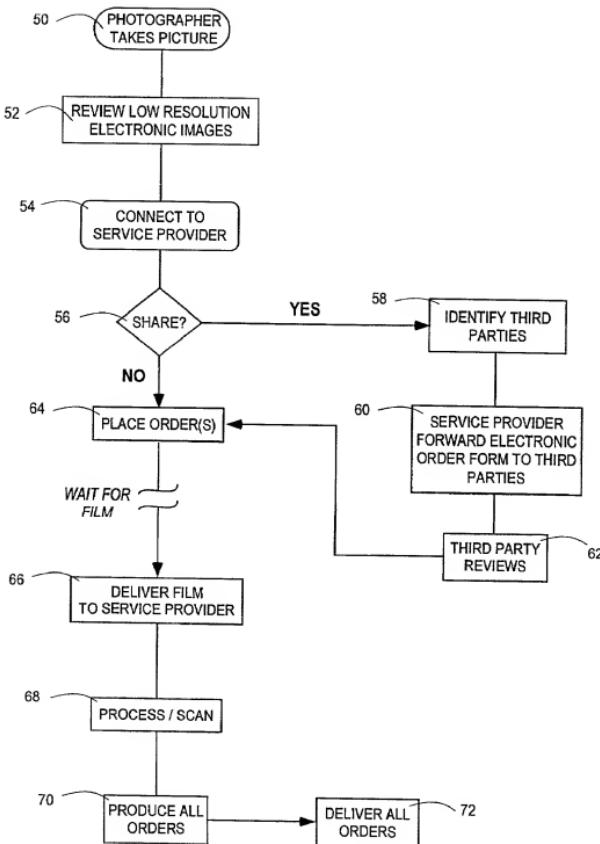
**FIG. 2A**



**FIG. 2B**

**FIG. 3A**

**FIG. 3B**



**FIG. 4A**

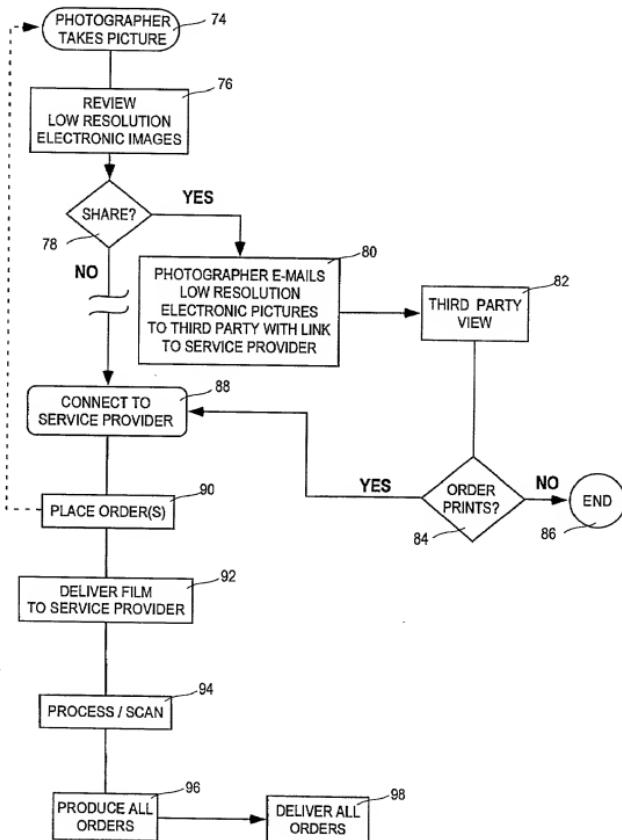


FIG. 4B

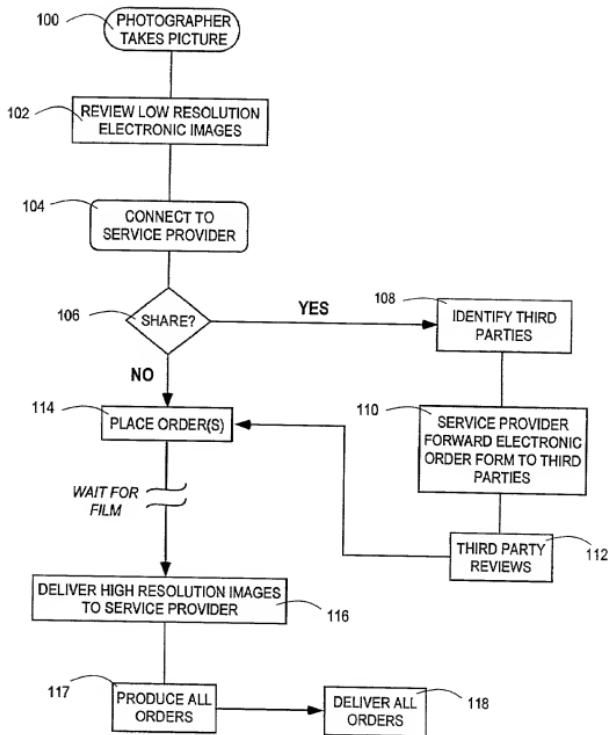


FIG. 4C

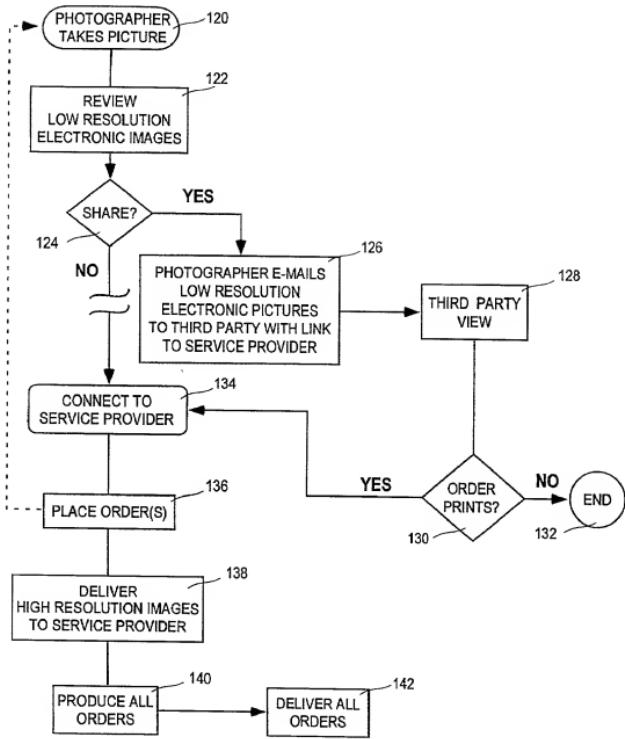


FIG. 4D

SERVICE PROVIDER "XYZ"																																			
40	NAME: JOHN DOE ADDRESS: 123 PRIMROSE LANE, USA CASSETTE CID/FID NUMBER: 958-348 CREDIT CARD NUMBER: 1234 4678 9101 1121      EXP.: 1/2003																																		
42	<table><thead><tr><th>PRINT ORDER:</th><th>IMAGE</th><th>QTY</th><th>COST</th><th>TOTAL</th></tr></thead><tbody><tr><td>3 X 5</td><td>5</td><td>3</td><td>\$ 0.85</td><td>\$ 2.55</td></tr><tr><td>5 X 7</td><td>24</td><td>2</td><td>\$ 1.65</td><td>\$ 3.30</td></tr><tr><td>8 X 10</td><td></td><td></td><td></td><td></td></tr><tr><td>11 X 14</td><td></td><td></td><td></td><td></td></tr><tr><td>POSTER</td><td>8</td><td>1</td><td>\$24.95</td><td>\$24.95</td></tr></tbody></table>					PRINT ORDER:	IMAGE	QTY	COST	TOTAL	3 X 5	5	3	\$ 0.85	\$ 2.55	5 X 7	24	2	\$ 1.65	\$ 3.30	8 X 10					11 X 14					POSTER	8	1	\$24.95	\$24.95
PRINT ORDER:	IMAGE	QTY	COST	TOTAL																															
3 X 5	5	3	\$ 0.85	\$ 2.55																															
5 X 7	24	2	\$ 1.65	\$ 3.30																															
8 X 10																																			
11 X 14																																			
POSTER	8	1	\$24.95	\$24.95																															
44	SUBTOTAL_____ \$ 29.80																																		
	<table><thead><tr><th>NOVELTY ITEMS:</th><th>IMAGE</th><th>QTY</th><th>COST</th><th>TOTAL</th></tr></thead><tbody><tr><td>T-SHIRT</td><td>2</td><td>10</td><td>\$18.95</td><td>\$189.50</td></tr><tr><td>CALENDER</td><td>15</td><td>10</td><td>\$ 7.95</td><td>\$ 79.50</td></tr><tr><td>MUG</td><td>12</td><td>10</td><td>\$ 8.95</td><td>\$ 89.50</td></tr></tbody></table>					NOVELTY ITEMS:	IMAGE	QTY	COST	TOTAL	T-SHIRT	2	10	\$18.95	\$189.50	CALENDER	15	10	\$ 7.95	\$ 79.50	MUG	12	10	\$ 8.95	\$ 89.50										
NOVELTY ITEMS:	IMAGE	QTY	COST	TOTAL																															
T-SHIRT	2	10	\$18.95	\$189.50																															
CALENDER	15	10	\$ 7.95	\$ 79.50																															
MUG	12	10	\$ 8.95	\$ 89.50																															
	SUBTOTAL_____ \$358.50																																		
	TOTAL: \$388.30																																		
46	SHARE ATTACHED IMAGES WITH THIRD PARTY: BILL@XYZ.COM, SONJA@ABC.NET GRANDMA@CROWSNEST.PNY																																		

FIG. 5

## Combined Declaration For Patent Application and Power of Attorney

ATTORNEY DOCKET  
81884F-P

As below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**METHOD OF SHARING IMAGES ALLOWING THIRD PARTY PRINT ORDERS VIA A WEB SITE**

The specification of which (check only one item below):

 is attached hereto. was filed as United States Application Serial No. on and  
was amended on (if applicable). was filed as PCT International application Number on and was amended under PCT Article 19 on (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the U.S. Patent &amp; Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign applications(s) for patent or inventor's certificate or any PCT international application(s) designating a least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

**PRIOR FOREIGN/PCT APPLICATION(S) AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. 119:**

COUNTRY (or PCT, indicate PCT)	APPLICATION NUMBER	DATE OF FILING (day month year)	PRIORITY CLAIMED UNDER 35 USC §119	
			YES	NO
			YES	NO
			YES	NO

I hereby claim the benefit under Title 35, United States Code, 119 §(e) of any United States provisional application(s) listed below:

**PRIOR PROVISIONAL APPLICATION(S) AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. §119 (e):**

PROVISIONAL APPLICATION NUMBER	FILING DATE

I hereby claim the benefit under Title 35, United States Code, §120 of any prior United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, §112, I acknowledge the duty to disclose to the U.S. Patent &amp; Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations §1.56, which became available between the filing date of the prior application(s) and the national or PCT international filing date of this application:

**PRIOR US APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS DESIGNATING THE U.S. FOR BENEFIT UNDER 35USC§120:**

U.S. APPLICATIONS		STATUS (Check one)		
U.S. APPLICATION NUMBER	U.S. FILING DATE	PATENTED	PENDING	ABANDONED

## PCT APPLICATIONS DESIGNATING THE U.S.

PCT APPLICATION NO	PCT FILING DATE	U.S. SERIAL NUMBERS ASSIGNED (if any)		

**POWER OF ATTORNEY:** As a named inventor, I hereby appoint the attorney(s) and/or agent(s) associated with Eastman Kodak Company Customer No. 01333 to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Send Correspondence to:			Direct Telephone Calls to: (name and telephone number)
Patent Legal Staff Eastman Kodak Company 343 State Street Rochester, NY 14650-2201			Frank Pincelli (716) 588-2728 FAX: (716) 477-4646
2	FAMILY NAME McIntyre	FIRST GIVEN NAME Dale	SECOND GIVEN NAME F.
0	RESIDENCE & CITIZENSHIP CITY Honeoye Falls	STATE OR FOREIGN COUNTRY New York 14472	COUNTRY OF CITIZENSHIP USA
1	BUSINESS ADDRESS Eastman Kodak Company	CITY 343 State Street, Rochester	STATE & ZIP CODE (COUNTRY) New York 14650 USA
2	FAMILY NAME Jensen	FIRST GIVEN NAME Thomas	SECOND GIVEN NAME D.
0	RESIDENCE & CITIZENSHIP CITY Holley	STATE OR FOREIGN COUNTRY New York 14470	COUNTRY OF CITIZENSHIP USA
2	BUSINESS ADDRESS Eastman Kodak Company	CITY 343 State Street, Rochester	STATE & ZIP CODE (COUNTRY) New York 14650 USA
2	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
0	RESIDENCE & CITIZENSHIP CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
3	BUSINESS ADDRESS	CITY	STATE & ZIP CODE (COUNTRY)
2	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
0	RESIDENCE & CITIZENSHIP CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
4	BUSINESS ADDRESS	CITY	STATE & ZIP CODE (COUNTRY)
2	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
0	RESIDENCE & CITIZENSHIP CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
5	BUSINESS ADDRESS	CITY	STATE & ZIP CODE (COUNTRY)
2	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
0	RESIDENCE & CITIZENSHIP CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
6	BUSINESS ADDRESS	CITY	STATE & ZIP CODE (COUNTRY)
<p>I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.</p>			
SIGNATURE OF INVENTOR 201	SIGNATURE OF INVENTOR 202	SIGNATURE OF INVENTOR 203	
DATE	DATE	DATE	
SIGNATURE OF INVENTOR 204	SIGNATURE OF INVENTOR 205	SIGNATURE OF INVENTOR 206	
DATE	DATE	DATE	